

Title (en)

Method and device for controlled winding or unwinding of an elongate product on or from a reel

Title (de)

Verfahren sowie eine Vorrichtung zum gesteuerten Auf- oder Abwickeln eines länglichen Gegenstandes auf einen bzw. von einem Spulenkörper

Title (fr)

Procédé et dispositif d'enroulement ou de déroulement piloté d'un produit long sur respectivement à partir d'un corps de bobine

Publication

EP 0873960 B1 20040225 (DE)

Application

EP 98810257 A 19980324

Priority

- CH 86997 A 19970414
- US 5944598 A 19980414

Abstract (en)

[origin: EP0873960A2] the method involves feeding the object (11) from a guide head (35) to the spool body (15,16), which is rotatably mounted for the spooling and unspooling operation and which is rotated by a drive element (20). The rotation speed and torque are set under program control depending on the measurable spool dia. for the spooling or unspooling process. The strain on the object is regulated in response to the comparison of a measured value and a demand value.

IPC 1-7

B65H 23/195; **B65H 23/198**; **B65H 19/30**

IPC 8 full level

B65H 23/18 (2006.01); **B65H 49/24** (2006.01); **B65H 54/36** (2006.01); **B65H 54/42** (2006.01); **B65H 54/54** (2006.01); **B65H 59/38** (2006.01); **B65H 75/34** (2006.01)

CPC (source: EP US)

B65H 23/18 (2013.01 - EP US); **B65H 49/24** (2013.01 - EP US); **B65H 54/36** (2013.01 - EP US); **B65H 54/42** (2013.01 - EP US); **B65H 54/54** (2013.01 - EP US); **B65H 59/384** (2013.01 - EP US); **B65H 75/4486** (2013.01 - EP US); **B65H 2511/14** (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP US); **B65H 2515/32** (2013.01 - EP US)

Cited by

EP3095741A1; CN105502093A; CN112247795A; WO2016162775A1; WO2010121780A3

Designated contracting state (EPC)

CH DE FR IT LI SE

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EP 0873960 A2 19981028; **EP 0873960 A3 19991124**; **EP 0873960 B1 20040225**; US 6012668 A 20000111

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